

**In the Claims:**

Please cancel claim 1, 14, and 17 without prejudice.

Please amend claims 2-3, 5-13, 15-16 and 18-20 as follows:

1. (canceled)

2. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 wherein the step of identifying a predefined event includes the step of identifying a user selected trigger event.

3. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 further includes the steps of identifying a predefined call in event; and using said user selected control options, receiving user selections for enabling the user to remotely control oscilloscope operational settings.

4. (original) A method for implementing enhanced notification and control features as recited in claim 3 includes identifying a user entered password before receiving said user selections for enabling the user to remotely control oscilloscope operational settings.

5. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 further includes the steps of identifying a predefined email event; accepting said email and using said user selected control options, executing command requests in said email for enabling the user to remotely control oscilloscope operational settings.

6. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 wherein the step of receiving user selected

notification options includes the steps of receiving user selections of one or more of a predefined set of user selected telephone, email, and pager options, telephone numbers, email addresses, and a list of predefined items to be sent to the user.

7. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 wherein the step of receiving user selected control options includes the steps of receiving user selections of one or more of a predefined set of telephone commands, a predefined set of email commands, a telephone password, and an email password.

8. (currently amended) A method for implementing enhanced notification and control features as recited in claim 1 wherein the step of using said user selected notification options, notifying said remote user of said identified predefined event includes the steps of features in an oscilloscope comprising the steps of:

receiving user selected notification options and user selected control options;  
identifying a predefined event;  
using said user selected notification options, notifying a remote user of said identified predefined event including identifying a user selected telephone number,  
calling said user selected telephone number, and giving a message to the user including a predefined list of items; and

using said user selected control options, receiving user selections for enabling the user to remotely control oscilloscope operational settings.

9. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 wherein the step of using said user

selected notification options, notifying said remote user of said identified predefined event includes the steps of identifying a user selected email option, sending an email to the user including a predefined list of items.

10. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 wherein the step of using said user selected notification options, notifying said remote user of said identified predefined event includes the steps of identifying a user selected pager option, calling a user selected pager telephone number, and sending a text message to the user.

11. A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 wherein the step of using said user selected control options, receiving user selections for enabling the user to remotely control oscilloscope operational settings includes the steps of receiving user selections for one or more of a channel selection for the oscilloscope, a trigger level change, and a trigger edge change.

12. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 wherein the step of using said user selected control options, receiving user selections for enabling the user to remotely control oscilloscope operational settings includes the steps of receiving user selections of contact options to change one or more of a telephone number, an email list, and a pager list.

13. (currently amended) A method for implementing enhanced notification and control features as recited in ~~claim 1~~ claim 8 wherein the step of using said user

selected control options, receiving user selections for enabling the user to remotely control oscilloscope operational settings includes the steps of receiving user selections to change one or more of a plurality of oscilloscope settings including graphics settings and a list of commands with current settings.

14. (canceled)

15. (currently amended) A computer program product for implementing enhanced notification and control features in an oscilloscope system as recited in claim 16 wherein said instructions executed by the oscilloscope system further cause the oscilloscope system to perform the steps of identifying a predefined call in event; and using said user selected control options, receiving user selections for enabling the user to remotely control oscilloscope operational settings.

16. (currently amended) A computer program product for implementing enhanced notification and control features in an oscilloscope system, wherein said instructions executed by the oscilloscope system further cause the oscilloscope system to perform the steps of said computer program product including instructions executed by the oscilloscope system to cause the oscilloscope system to perform the steps of:

receiving user selected notification options and user selected control options;

identifying a predefined event;

using said user selected notification options, notifying a remote user of said

identified predefined event;

using said user selected control options, receiving user selections for enabling the user to remotely control oscilloscope operational settings; and

identifying a predefined email event; and using said user selected control options, executing command requests in said email for enabling the user to remotely control oscilloscope operational settings.

17. (canceled)

18. (currently amended) Apparatus for implementing enhanced notification and control features in an oscilloscope ~~as recited in claim 17 wherein comprising:~~

memory for storing a notification and control program, user selected notification options and notification data and user selected control options and control data; said user selected notification options and notification data ~~includes~~ including one or more of a predefined set of user selected telephone, email, and pager options, telephone numbers, email addresses, and a list of predefined items to be sent to the user;

a processor operatively controlled by said notification and control program for identifying a predefined event; using said user selected notification options and notification data, for notifying a remote user of said identified predefined event; and using said user selected control options and control data, for receiving user selections for enabling the user to remotely control oscilloscope operational settings.

19. (currently amended) Apparatus for implementing enhanced notification and control features in an oscilloscope as recited in ~~claim 17~~ claim 18 wherein said user selected control options and control data ~~includes~~ one or more of a predefined set of telephone commands, a predefined set of email commands, a telephone password, and an email password.

20. (currently amended) Apparatus for implementing enhanced notification and control features in an oscilloscope as recited in ~~claim 17~~ claim 18 wherein said processor for receiving user selections for enabling the user to remotely control oscilloscope operational settings includes said processor for receiving user selections for one or more contact options to change one or more of a telephone number, an email list, and a pager list; said processor for receiving user selections for one or more oscilloscope options to change one or more of a plurality of oscilloscope settings including graphics settings and a list of commands with current settings; and said processor for receiving user selections for one or more trigger options to change one or more of an oscilloscope channel, a trigger level, and a trigger edge.